| 123 U.S. PTO | J/6U279 |  |
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| 1312         |         |  |

## PTO/SB/05 (05-03) Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 022956-0217 UTILITY First Inventor Thomas C. May

|   |  | APPLICATIO   | N  |   |  |                |                             |  |                          |                                     |  |  |
|---|--|--|--|---|--|----------------|-----------------------------|--|--------------------------|-------------------------------------|--|--|
|   | TRA  | NSMITTAL   |  | Title   | PC   | DROUS · R      | ęsor                        | RBABLE   | BABLE GRAFT FIXATION PIN |                                     |  |  |
| (Only for new non   | provision  | al applications under 37                                   | CFR 1.53(b))   | Expre   | Express Mail Label No.   |                |                             | V324849  | 324849112US              |                                     |  |  |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.   |  |  | MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 |   |  |                |                             |  |                          |                                     |  |  |
| Fee Transmittal Form (e.g., PTO/SB/17)  |  |  |  | <del>_</del>  | CD-RO  |                |                             |  |                          |                                     |  |  |
| (Submit and   | in original, and a duplicate for fee processing) Int claims small entity status. CFR 1.27. |  |  |   | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) |                |                             |  |                          |                                     |  |  |
| 3. X Specific   | ation  | [Total   | Pages 2  | 1   | a. Computer Readable Form (CRF)  |                |                             |  |                          |                                     |  |  |
| (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix                                 |  |  |  |   | b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper  c. Statements verifying identity of above copies                            |                |                             |  |                          |                                     |  |  |
| - Back  | ground of  | the Invention  |  |   | ACCOMPANYING APPLICATIONS PARTS  |                |                             |  |                          |                                     |  |  |
| Brief Surmary of the Invention     Brief Description of the Drawings (if filed)     Detailed Description  |  |  |  | X Assignment Papers (cover sheet & document(s))   |  |                |                             |  |                          |                                     |  |  |
| - Detailed Description - Claim(s) - Abstract of the Disclosure  |  |  |  | 10. 37 CFR 3.73(b) Statement (when there is an assignee)  |  |                |                             |  |                          |                                     |  |  |
|   |  |  | I Sheets   | 7 ]   | 11.  |                |                             |  | •                        | if applicable)                      |  |  |
| 5. Declaration and Power of Attorney [Total Sheets 3 ] 12. Information Disclosure Copies of IDS Statement (IDS/PTO-1449 Citations   |  |  |  |   |  |                |                             |  |                          |                                     |  |  |
| a. X Newly executed (original or copy)  |  |  |  |   | 13. Preliminary Amendment  |                |                             |  |                          |                                     |  |  |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)   |  |  |  | 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) |  |                |                             |  |                          |                                     |  |  |
| i. DELETION OF INVENTOR(S) Signed statement attached deleting   |  |  | (if foreign priority is claimed)   |   |  |                |                             |  |                          |                                     |  |  |
|   |  | s) named in the prior applic<br>FR 1.63(d)(2) and 1.33(b). | ation,   |   | 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(I). Applicant must attach form PTO/SB/35 or its equivalent.   |                |                             |  |                          |                                     |  |  |
|   |  |  |  |   | 17. X Other: Application Title Sheet Check in the Amount of \$930,00   |                |                             |  |                          |                                     |  |  |
| 6. X Application Data Sheet. See 37 CFR 1.76  |  |  |  |   | Check in the Amount of \$40.00   |                |                             |  |                          |                                     |  |  |
|   |  | PLICATION, check app<br>Application Data Sheet             |  |   | ly the   | requisite info | mation t                    | below and ir                                     | the                      | first sentence of the specification |  |  |
| Continua  | ation  | Divisional   | Continuation   | n-in-part (   | CIP)   | of prior appl  | cation N                    | lo.:   |                          |                                     |  |  |
| Prior application   | n inform   | ation: Examiner  |  |   |  |                | Art Ur                      | nit:   |                          |                                     |  |  |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by |  |  |  |   |  |                |                             |  |                          |                                     |  |  |
| reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  |  |  |  |   |  |                |                             |  |                          |                                     |  |  |
| X Customer Number or Bar Code Label   |  |  | O21125 or X Correspondence address   |   |  |                | orrespondence address below |  |                          |                                     |  |  |
| Name  |  | TER MCCLENN<br>im C. Geary III                             | EN & FIS   | H LLP   |  |                |                             |  |                          |                                     |  |  |
| Address   | World Trade Center West  |  |  |   |  |                |                             |  |                          |                                     |  |  |
| City  | 155 Seaport Boulevard  Dity Boston State   |  |  | MA  |  |                | Zip Code                    | e   n  | 2210-2604                |                                     |  |  |
| · · · · · · · · · · · · · · · · · · ·   |  |  |  |   |  | (617) 310-9766 |                             |  |                          |                                     |  |  |
| Name (Print/  |  | William C. Gea   | arv III  |   | Ī  | Registration   |                             | mey/Aaent  | =                        | 31,359                              |  |  |
| Signature Villiam C. Geary III  |  |  |  |   |  |                | Date                        | <del>`                                    </del> | ne 24, 2003              |                                     |  |  |
|   |  | - U /  |  |   |  |                |                             |  |                          |                                     |  |  |

Expr ss Mail Airbill No.: EV324849112US
PTO/SB/17 (05-03)
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Complete if Known

| EEE TO ANGMITT AT  |              |                         | Complete if Known |             |   |  |                    |           |  |  |
|--|--------------|-------------------------|-------------------|-------------|---|--|--------------------|-----------|--|--|
| FEE TRANSMITTAL  |              | Applic                  | ation             | Numbe       | er                                      | Not Yet Assigned                                   |                    |           |  |  |
| for FY 2003  |              | Filing Date             |                   |             |   | July 23, 2003                                      |                    |           |  |  |
| Effective 01/01/2003, Patent fees are subject to annual revision.                          |              | First I                 | st Named Inventor |             |   | Thomas C. May                                      |                    |           |  |  |
| Enecuve 01/01/2003, Patent fees are subject to annual revision.                            |              |                         |                   |             |   | Not Yet A  | ssigned            |           |  |  |
| Applicant claims small entity status. See 37 CFR 1.27                                      |              | Art Ur                  | nit               |             |   | N/A  |                    |           |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 970.00  |              |                         |                   |             |   | 022956-0   | 217                |           |  |  |
| METHOD OF PAYMENT (check all that apply)   | 一            |                         | ,                 |             |   | ATION (co  | ntinued)           |           |  |  |
| Codii Ulanau U   |              |                         |                   |             |   | ATION (co  | nunuea)            | · · · · · |  |  |
| X Checks Card Order Other None  Deposit Account  |              | ADDITIO                 |                   | FEES        |   |  |                    |           |  |  |
| Deposit<br>Account 141449<br>Number  | Fee<br>Code  | Fee<br>(\$)             | Fee<br>Code       | Fee<br>(\$) | -                                       | Fee Desc   | ription            | Fee Paid  |  |  |
| Deposit Account Nutter McClennen & Fish LLP  | 1051         | 130                     | 2051              | 65          | Surcharge -                             | – late filing fe                                   | e or oath          |           |  |  |
| Name The Director is hereby authorized to: (check all that apply)                          | 1052         | 50                      | 2052              | 25          | Surcharge sheet.                        |  |                    |           |  |  |
| Charge fee(s) indicated below X Credit any overpayments                                    | 1053         | 130                     | 1053              | 130         | Non-Englis                              |  |                    |           |  |  |
| X Charge any additional fee(s) during the pendency of this application                     | 1812         | 2,520                   | 1812              | 2,520       | For filing a r                          | r filing a request for ex parte reexamination      |                    |           |  |  |
| Charge fee(s) indicated below, except for the filing fee                                   | 1804         | 920*                    | 1804              | 920°        |   | questing publication of SIR prior to               |                    |           |  |  |
| to the above-identified deposit account.   | 1805         | 1,840*                  | 1805              | 1,840*      | Desusation                              | uesting publication of SIR after                   |                    |           |  |  |
| FEE CALCULATION  | 1251         | 110                     | 2251              | 55          |   | or reply within                                    |                    |           |  |  |
| 1. BASIC FILING FEE  | 1252         | 410                     | 2252              | 205         | Extension f                             | or reply within                                    |                    |           |  |  |
| Large Entity Small Entity  | 1253         | 930                     | 2253              | 465         | Extension f                             | or reply within                                    | third month        |           |  |  |
| Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)                               | 1254         | 1,450                   | 2254              | 725         | Extension for reply within fourth month |  |                    |           |  |  |
| 1001 750 2001 375 Utility filing fee 750.00  | 1255         | 1,970                   | 2255              | 985         | Extension f                             | or reply within                                    | n fifth month      |           |  |  |
| 1002 330 2002 165 Design filing fee  | 1401         | 320                     | 2401              | 160         | Notice of A                             |  |                    |           |  |  |
| 1003 520 2003 260 Plant filing fee   | 1402         | 320                     | 2402              | 160         | Filing a brie                           | ef in support o                                    | f an appeal        |           |  |  |
| 1004 750 2004 375 Reissue filing fee   | 1403         | 280                     | 2403              | 140         | Request for                             | r oral hearing                                     |                    |           |  |  |
| 1005 160 2005 80 Provisional filing fee  | 1451         | 1,510                   | 1451              | 1,510       | Petition to i                           | nstitute a pub                                     | lic use proceeding |           |  |  |
| SUBTOTAL (1) (\$) 750.00   | 1452         | 110                     | 2452              | 55          | Petition to r                           | Petition to revive – unavoidable                   |                    |           |  |  |
| SUBTOTAL (1) (\$) 750.00   | 1453         | 1,300                   | 2453              | 650         | Petition to r                           |  |                    |           |  |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  | 1501         | 1,300                   | 2501              | 650         | Utility issue                           | Jtility issue fee (or reissue)                     |                    |           |  |  |
| Extra Fee from<br>Claims below Fee Paid  | 1502         | 470                     | 2502              | 235         | Design issu                             | esign issue fee                                    |                    |           |  |  |
| Total Claims 30 -20** = 10 x 18.00 = 180.00  | 1503         | 630                     | 2503              | 315         | Plant issue                             | ant issue fee                                      |                    |           |  |  |
| Independent 2 -3** = x = 0.00  | 1460         | 130                     | 1460              | 130         | Petitions to                            | etitions to the Commissioner                       |                    |           |  |  |
| Claims 5.33  | 1807         | 50                      | 1807              | 50          | Processing                              | rocessing fee under 37 CFR 1.17(g)                 |                    |           |  |  |
|  | 1806         | 180                     | 1806              | 180         | •                                       | ssing lee under 37 CFK 1.17(q)                     |                    |           |  |  |
| Large Entity Small Entity Fee                          |              |                         |                   |             |   |  | ssignment per      |           |  |  |
| Code (\$)   Code (\$)   Fee Description  | 8021<br>1809 | 40                      | 8021              | 40          | property (ti                            | mes number   | of properties)     | 40.00     |  |  |
| 1202 18 2202 9 Claims in excess of 20<br>1201 84 2201 42 Independent claims in excess of 3 |              | 750                     | 2809              | 375         | (37 ČFR 1.                              | a submission after final rejection (R 1.129(a))    |                    |           |  |  |
| 1203 280 2203 140 Multiple dependent claim, if not paid                                    |              | 750                     | 2810              | 375         |   | ch additional invention to be ned (37CFR 1.129(b)) |                    |           |  |  |
| 1204 84 2204 42 ** Reissue independent claims over original patent                         | 1801         | 750                     | 2801              | 375         |   |  | xamination (RCE)   | <u> </u>  |  |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent                  | 1802         | of a design application |                   |             |   |  |                    |           |  |  |
|  | ŀ            | fee (spe                |                   |             |   |  |                    |           |  |  |
| SUBTOTAL (2) (\$) 180.00  **or number previously paid, if greater, For Reissues, see above | *Redu        | uced by t               | Basic Fi          | ling Fee    | Paid                                    | SUBTO  | TAL (3) (\$)       | 40.00     |  |  |
| SUBMITTED BY   |              |                         |                   |             | ***                                     | Complete /   | if applicable)     |           |  |  |
| Name (Print/Type) William C. Geary III   | Regist       | ration No               | . 31              | ,359        |   | 1  | (617) 439-2766     |           |  |  |
| 1/1//  | (Attorni     | ey/Agent)               | 101               | ,003        |   | 1  | ·                  |           |  |  |
| Signature  | -            |                         |                   |             |   | Date   | June 24, 2003      |           |  |  |